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American Indian students who were enrolled in the eighth grade in the 1962-63 school year in a six-state area of the Southwest were studied through 1967 to determine the percentages of high school dropouts and graduates from public, private, and Bureau of Indian Affairs schools. Of the sample of 1217, dropout levels were not identified for 9 students. The overall dropout rate was 38.7 with no significant difference between sexes. Individual dropout rates were determined by sex for the 6 different states and for different Indian tribes having 25 or more students in the study. (JH)

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The American Indian High School Dropout In The Southwest

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THE AMERICAN INDIAN HIGH SCHOOL DROPOUT IN THE SOUTHWEST

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Charles S. Owens
Willard P. Bass

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PART I

INTRODUCTION

Research Objectives

National concern for the improvement of educational opportunities, especially for minority groups, and the concommitant interest in the holding power of the schools have led to repeated inquiries concerning the progress and dropout of Indian students. This statistical survey was made by the Southwestern Cooperative Educational Laboratory for the purpose of obtaining current and valid information on the numbers and percentages of dropouts and graduates of Indian students from Bureau of Indian Affairs, private, and public schools. The sample of students studied is representative of the various tribes, types of schools, and types of communities in the six-state area of Arizona, Nevada, New Mexico, Oklahoma, Southern Colorado, and Southern Utah.

Other important objectives of the study were:

To develop practicable guidelines for data collection and dissemination on a continuing basis.

To provide a valid foundation for future inquiry and comparison.

To focus attention on the seriousness of the dropout problem among Indian students.

Related Literature

A search of the literature reveals that the numerous studies of dropouts do not present data from which well-defined comparisons can be

made with this study. Variations in geographic locations and in group samples, as well as in designs and procedures, preclude meaningful comparison of findings in this study with those of previous reports.

Despite the absence of specific comparative data, references to a few selected studies, having some relevance to the present study, are presented for the purpose of providing some perspective for this report.

In 1959, the Bureau of Indian Affairs reported a dropout rate of 60 percent among Indian high school students.[1] In 1964, the U.S. Department of Agriculture reported a 29 percent dropout rate for sixteen and seventeen year-old Indian youth.[2]

Norton, in a 1963 publication on the economic aspects of education,[3] states that the average dropout rate between eighth grade and high school graduation for the United States is approximately 32 percent. A national survey reveals that the total number of high school graduates in the United States in 1965-66 represented 77.3 percent of the total number of students who were enrolled in grade nine in the fall of 1962.[4] This would indicate a high school dropout rate of 22.7 percent for the nation. A breakdown of graduation figures was also presented by states. Following are the percentages for all students in those states included in this current study of Indian dropouts:

Arizona:	67.5%	Oklahoma:	71.4%
Nevada:	81.1%	Southern Colorado:	84.2%
New Mexico:	N.A.	Southern Utah:	83.6%

Thus, inversely, the dropout rate derived for Arizona was 32.5 percent, for Southern Colorado 15.8 percent, for Nevada 18.9 percent, for New Mexico not available, for Oklahoma 28.6 percent, and for Utah 16.4 percent.

Since this current dropout study is a statistical survey only, designed to determine merely the range and scope of the problem of Indian high school dropouts in this area, no attempt has been made to interpret the data in depth. There are self-evident deductions which are inherent in the very nature of the study. In the absence of other supportive information, further conclusions would appear pretentious.

Research Plan

The Sample

1. Schools from which the sample was drawn were from the region comprising Arizona, Nevada, New Mexico, Oklahoma, Southern Colorado, and Southern Utah.
2. Schools were classified as Bureau of Indian Affairs, private, and public.
3. Students were classified as Indian who were of one-quarter or more Indian ancestry.
4. The sample was drawn from lists furnished by schools of all Indian students enrolled in the eighth grade in the fall of 1962. Lists were requested of all schools in Arizona, Nevada, and New Mexico that were known, or thought, to enroll Indian students. For those three states, thirty percent of the names were randomly selected from each list for inclusion in the sample. Because of the multiplicity of districts in Oklahoma, with most enrolling some Indians, 22 schools were selected and all Indian eighth grade students from those

schools were included in the sample. In the selection of these Oklahoma schools, consideration was given to broad geographic coverage, to variety in size and composition of enrollments, and to representation of the various Indian tribes, thus insuring a representative sample. Since only those schools near the southern borders of Utah and Colorado which serve the Navajo and Ute tribes were included in the study, all Indian eighth grade enrollees from those two states were used in the sample. In examining the dropout rates for these two states, the small samples of students should be taken into consideration.

5. Definition of a Dropout

The term "dropout" is used in this study to designate a pupil who has been in membership but who withdrew from membership before graduating from secondary school or before completing an equivalent program of studies. Such an individual is considered a dropout whether his dropping out occurred during or between regular school terms, whether his dropping out occurred before or after he had passed the compulsory school attendance age, and if the minimum amount of school work for graduation had not been completed except by reason of death.

6. Tribal Representation

Designation of tribes in this study conforms with that of the Bureau of Indian Affairs. Tribes with fewer than 25 are shown in the category "other."

Research Procedures

All students in the sample were identified by name, and census number where available. At the same time schools submitted lists of 1962 eighth grade enrollees, they also submitted lists of 1963-64 ninth grade enrollees, 1964-65 tenth, 1965-66 eleventh, and 1967 graduates. This made it possible to prepare a composite, alphabetical computer list by grades for the region. This composite list was then used to trace school progress of students in the sample. Names of all non-graduates then were resubmitted to schools where last enrollment was indicated in order to make final determination of dropout, graduation, or continuance in school.

Requests for information were made to BIA schools, and to private and public schools which might have enrollments of Indian students. Of the 299 requests, 255 responses were received. Of the schools responding, 182 had enrollments of Indian students and furnished the information requested. As far as is known, all schools enrolling an appreciable number of Indian students responded and supplied the requested information.

REFERENCES

1. Hildegard Thompson, Today's Dropouts--Tomorrow's Problems. United States Department of the Interior, Bureau of Indian Affairs. p. 2.

2. James D. Cowhig, Characteristics of School Dropouts and High School Graduates, Farm and Non-farm, 1960. U.S. Department of Agriculture, Economic Research Service, Agricultural Report No. 65, Washington, D.C. p. 31.

3. John K. Norton, Changing Demands on Education and Their Fiscal Implications. National Committee for Support of the Public Schools, Washington, D.C., 1963. p. 54.

4. Sherrell E. Varner, School Dropouts. Research Division, National Education Association, Washington, D.C., 1967. p. 8.

PART II

FINDINGS

One of the primary objectives of this study was to determine the extent of the dropout problem among Indian students in the Southwest. While the following series of tables and figures present the data in varying perspectives, the causes of dropouts are left to speculation or further investigation. Factors which may exert significant influence on dropout rates obviously are not shown in this study.

The dropout rates for male and female students are almost identical, the percentage for males being 38.66 and that for females 38.73. It should be noted that the total dropout rate of 38.7 percent includes grades eight through twelve. Many studies base high school dropout rates upon enrollments of students in grades nine through twelve. In this study, the dropout rate from grade nine to grade twelve inclusive is 30.6 percent. Noteworthy is the fact that forty students graduated in 1968, one year later than other graduates. This number constitutes 3.2 percent of the entire sample. The number still enrolled in the 1968-69 school year is .9 percent of the total sample.

Mobility of students is shown in Tables 11 and 12. Transfers by grade levels between types of schools are shown in Table 11, and number of transfers between types of schools in Table 12. Transfers within school types were not traced in view of the many variables involved. For example, the fact that the Bureau of Indian Affairs does not have organizational units equivalent to public school districts makes it impossible to obtain comparable transfer data for these two

school types. Furthermore, the variety of district organizational patterns found for public schools from state to state, or within the same state, makes it difficult to obtain uniform transfer data within just this one school type. It is felt that movement between types of schools may be more indicative of adjustment problems. The fact remains, however, that mobility, between or within school types, creates problems and is undoubtedly one of the underlying bases for dropouts. That many Indian students are subjected to multiple transfers should be seriously considered in the planning of future programs of education.

In the presentation of dropouts among tribes, only tribes having a sample of 25 or more students in the study were listed individually, as it was felt that a smaller sample in a given year was not necessarily representative. Included in Other Oklahoma Tribes are Caddo, Cheyenne, Chickasaw, Comanche, Comanche Arapaho, Creek, Delaware, Osage, Pawnee, Seminole, and Wichita. Included in the Other Tribes are Mohave, Shoshone, Sioux, and Ute.

Special attention is directed to the percentages of dropouts by grade levels. The fact that the highest percentage of Indian students drop out on the eighth grade level, 11.7 percent, should be of deep concern. Obviously, most of these dropouts have few, if any, opportunities to develop marketable skills and to enjoy self-realization commensurate with their inherent talents and abilities.

For more detailed information, the reader's attention is directed to the tables and figures. In Tables 8 and 10, progressive dropout rates are presented, based upon the number of dropouts of students entering each grade.

TABLE 1

PERCENTAGES OF GRADUATES AND DROPOUTS BY SCHOOL TYPE IN ARIZONA

TYPES OF SCHOOLS	INITIAL 8TH GRADE ENROLLMENT FALL 1962			GRADUATED FROM BIA SCHOOLS				GRADUATED FROM PRIVATE SCHOOLS				GRADUATED FROM PUBLIC SCHOOLS				TOTAL GRADUATES			
Sex:	M	F	Total	M	F	Total	%	M	F	Total	%	M	F	Total	%	M	F	Total	%
BIA	42	41	83	24	19	43	51.8	-	-	-	-	4	1	5	6.0	28	20	48	57.8
Private	24	24	48	1	3	4	8.3	7	11	18	37.5	3	3	6	12.5	11	17	28	58.3
Public	116	98	214	8	8	16	7.5	1	2	3	1.4	70	55	125	58.4	79	65	144	67.2
Total	182	163	345	33	30	63	18.3	8	13	21	6.0	77	59	136	39.4	118	102	220	63.7

TYPES OF SCHOOLS	DROPPED OUT OF BIA SCHOOLS				DROPPED OUT OF PRIVATE SCHOOLS				DROPPED OUT OF PUBLIC SCHOOLS				TOTAL DROPOUTS				STILL ENROLLED				DECEASED			
Sex:	M	F	Total	%	M	F	Total	%	M	F	Total	%	M	F	Total	%	M	F	Total	%	M	F	Total	%
BIA	6	16	22	26.5	-	-	-	-	6	5	11	13.3	12	21	33	39.7	1	-	1	1.2.	1	-	1	1.2
Private	1	-	1	2.0	6	4	10	20.8	5	3	8	16.7	12	7	19	39.5	1	-	1	2.0	-	-	-	-
Public	4	2	6	2.8	-	-	-	-	32	30	62	28.9	36	32	68	31.7	1	1	2	0.9	-	-	-	-
Total	11	18	29	8.4	6	4	10	2.9	43	38	81	23.5	60	60	120	34.7	3	1	4	1.1	1	-	1	.3

TABLE 2

PERCENTAGES OF GRADUATES AND DROPOUTS BY SCHOOL TYPE IN NEVADA

TYPES OF SCHOOLS	INITIAL 8TH GRADE ENROLLMENT FALL 1962			GRADUATED FROM BIA SCHOOLS				GRADUATED FROM PRIVATE SCHOOLS				GRADUATED FROM PUBLIC SCHOOLS				TOTAL GRADUATES			
Sex:	M	F	Total	M	F	Total	%	M	F	Total	%	M	F	Total	%	M	F	Total	%
BIA	9	11	20	7	8	15	75.0	-	-	-	-	-	-	-	-	7	8	15	75.0
Public	11	15	26	-	2	2	7.6	-	-	-	-	6	7	13	50.0	6	9	15	57.7
Total	20	26	46	7	10	17	36.9	-	-	-	-	6	7	13	28.2	13	17	30	65.2

TYPES OF SCHOOLS	DROPPED OUT OF BIA SCHOOLS				DROPPED OUT OF PRIVATE SCHOOLS				DROPPED OUT OF PUBLIC SCHOOLS				TOTAL DROPOUTS				STILL ENROLLED				DECEASED			
Sex:	M	F	Total	%	M	F	Total	%	M	F	Total	%	M	F	Total	%	M	F	Total	%	M	F	Total	%
BIA	1	3	4	20.0	-	-	-	-	1	-	1	5.0	2	3	5	25.0	-	-	-	-	-	-	-	-
Public	-	2	2	7.6	-	-	-	-	5	3	8	30.7	5	5	10	38.4	-	1	1	3.8	-	-	-	-
Total	1	5	6	13.0	-	-	-	-	6	3	9	19.6	7	8	15	32.6	-	1	1	2.1	-	-	-	-

TABLE 3

PERCENTAGES OF GRADUATES AND DROPOUTS BY SCHOOL TYPE IN NEW MEXICO

TYPES OF SCHOOLS	INITIAL 8TH GRADE ENROLLMENT FALL 1962			GRADUATED FROM BIA SCHOOLS				GRADUATED FROM PRIVATE SCHOOLS				GRADUATED FROM PUBLIC SCHOOLS				TOTAL GRADUATES			
Sex:	M	F	Total	M	F	Total	%	M	F	Total	%	M	F	Total	%	M	F	Total	%
BIA	22	24	46	10	12	22	47.8	-	-	-	-	2	4	6	13.0	12	16	28	60.8
Private	16	25	41	-	-	-	-	3	10	13	31.7	4	3	7	17.0	7	13	20	48.7
Public	147	123	270	12	5	17	6.3	2	1	3	1.1	84	77	161	59.6	98	83	181	67.0
Total	185	172	357	22	17	39	10.9	5	11	16	4.5	90	84	174	48.7	117	112	229	64.1

TYPES OF SCHOOLS	DROPPED OUT OF BIA SCHOOLS				DROPPED OUT OF PRIVATE SCHOOLS				DROPPED OUT OF PUBLIC SCHOOLS				TOTAL DROPOUTS				STILL ENROLLED				DECEASED			
Sex:	M	F	Total	%	M	F	Total	%	M	F	Total	%	M	F	Total	%	M	F	Total	%	M	F	Total	%
BIA	5	5	10	21.7	-	-	-	-	3	2	5	10.8	8	7	15	32.6	1	-	1	2.2	1	1	2	4.4
Private	-	-	-	-	5	7	12	29.2	4	3	7	17.0	9	10	19	46.3	-	1	1	2.4	-	1	1	2.4
Public	1	5	6	2.2	1	-	1	.4	47	33	80	29.6	49	38	87	32.2	-	2	2	.7	-	-	-	-
Total	6	10	16	4.5	6	7	13	3.6	54	38	92	25.8	66	55	121	33.9	1	3	4	1.1	1	2	3	.8

TABLE 4

PERCENTAGES OF GRADUATES AND DROPOUTS BY SCHOOL TYPE IN OKLAHOMA

TYPES OF SCHOOLS	INITIAL 8TH GRADE ENROLLMENT FALL 1962			GRADUATED FROM BIA SCHOOLS				GRADUATED FROM PRIVATE SCHOOLS				GRADUATED FROM PUBLIC SCHOOLS				TOTAL GRADUATES			
Sex:	M	F	Total	M	F	Total	%	M	F	Total	%	M	F	Total	%	M	F	Total	%
BIA	31	24	55	15	10	25	45.4	-	-	-	-	1	1	2	3.6	16	11	27	49.1
Public	152	207	359	5	5	10	2.8	-	-	-	-	77	111	188	52.4	82	116	198	55.1
Total	183	231	414	20	15	35	8.5	-	-	-	-	78	112	190	45.9	98	127	225	54.3

TYPES OF SCHOOLS	DROPPED OUT OF BIA SCHOOLS				DROPPED OUT OF PRIVATE SCHOOLS				DROPPED OUT OF PUBLIC SCHOOLS				TOTAL DROPOUTS				STILL ENROLLED				DECEASED			
Sex:	M	F	Total	%	M	F	Total	%	M	F	Total	%	M	F	Total	%	M	F	Total	%	M	F	Total	%
BIA	12	9	21	38.1	-	-	-	-	2	4	6	10.9	14	13	27	49.1	-	-	-	-	1	-	1	1.8
Public	3	2	5	1.4	-	-	-	-	66	87	153	42.6	69	89	158	44.0	-	1	1	.2	1	1	2	.4
Total	15	11	26	6.3	-	-	-	-	68	91	159	38.4	83	102	185	44.7	-	1	1	.2	2	1	3	.7

TABLE 5

PERCENTAGES OF GRADUATES AND DROPOUTS BY SCHOOL TYPE IN SOUTHERN COLORADO

TYPE OF SCHOOL	INITIAL 8TH GRADE ENROLLMENT FALL 1962			GRADUATED FROM BIA SCHOOLS				GRADUATED FROM PRIVATE SCHOOLS				GRADUATED FROM PUBLIC SCHOOLS				TOTAL GRADUATES			
Sex:	M	F	Total	M	F	Total	%	M	F	Total	%	M	F	Total	%	M	F	Total	%
Public	22	19	41	-	-	-	-	-	-	-	-	11	8	19	46.3	11	8	19	46.3

TYPE OF SCHOOL	DROPPED OUT OF BIA SCHOOLS				DROPPED OUT OF PRIVATE SCHOOLS				DROPPED OUT OF PUBLIC SCHOOLS				TOTAL DROPOUTS				STILL ENROLLED				DECEASED			
Sex:	M	F	Total	%	M	F	Total	%	M	F	Total	%	M	F	Total	%	M	F	Total	%	M	F	Total	%
Public	-	1	1	2.4	-	-	-	-	10	9	19	46.3	10	10	20	48.7	1	1	2	4.8	-	-	-	-

TABLE 6

PERCENTAGES OF GRADUATES AND DROPOUTS BY SCHOOL TYPE IN SOUTHERN UTAH

TYPE OF SCHOOL	INITIAL 8TH GRADE ENROLLMENT FALL 1962			GRADUATED FROM BIA SCHOOLS				GRADUATED FROM PRIVATE SCHOOLS				GRADUATED FROM PUBLIC SCHOOLS				TOTAL GRADUATES			
Sex:	M	F	Total	M	F	Total	%	M	F	Total	%	M	F	Total	%	M	F	Total	%
Public	8	6	14	1	-	1	7.1	-	-	-	-	1	2	3	21.4	2	2	4	28.6

TYPE OF SCHOOL	DROPPED OUT OF BIA SCHOOLS				DROPPED OUT OF PRIVATE SCHOOLS				DROPPED OUT OF PUBLIC SCHOOLS				TOTAL DROPOUTS				STILL ENROLLED				DECEASED			
Sex:	M	F	Total	%	M	F	Total	%	M	F	Total	%	M	F	Total	%	M	F	Total	%	M	F	Total	%
Public	1	-	1	7.1	-	-	-	-	5	4	9	64.2	6	4	10	71.4	-	-	-	-	-	-	-	-

TABLE 7

TOTAL PERCENTAGES OF GRADUATES AND DROPOUTS BY STATES

STATE	INITIAL 8TH GRADE ENROLLMENT FALL 1962			GRADUATED FROM BIA SCHOOLS				GRADUATED FROM PRIVATE SCHOOLS				GRADUATED FROM PUBLIC SCHOOLS				TOTAL GRADUATES			
Sex:	M	F	Total	M	F	Total	%	M	F	Total	%	M	F	Total	%	M	F	Total	%
Arizona	182	163	345	33	30	63	18.3	8	13	21	6.0	77	59	136	39.4	118	102	220	63.7
Nevada	20	26	46	7	10	17	36.9	-	-	-	-	6	7	13	28.2	13	17	30	65.2
New Mexico	185	172	357	22	17	39	10.9	5	11	16	4.5	90	84	174	48.7	117	112	229	64.1
Oklahoma	183	231	414	20	15	35	8.5	-	-	-	-	78	112	190	45.9	98	127	225	54.3
Southern Colorado	22	19	41	-	-	-	-	-	-	-	-	11	8	19	46.3	11	8	19	46.3
Southern Utah	8	6	14	1	-	1	7.1	-	-	-	-	1	2	3	21.4	2	2	4	28.6
Grand Total	600	617	1217	83	72	155	12.7	13	24	37	3.0	263	272	535	44.0	359	368	727	59.7

STATE	DROPPED OUT OF BIA SCHOOLS				DROPPED OUT OF PRIVATE SCHOOLS				DROPPED OUT OF PUBLIC SCHOOLS				TOTAL DROPOUTS				STILL ENROLLED				DECEASED			
Sex:	M	F	Total	%	M	F	Total	%	M	F	Total	%	M	F	Total	%	M	F	Total	%	M	F	Total	%
Arizona	11	18	29	8.4	6	4	10	2.9	43	38	81	23.5	60	60	120	34.7	3	1	4	1.1	1	-	1	.3
Nevada	1	5	6	13.0	-	-	-	-	6	3	9	19.6	7	8	15	32.6	-	1	1	2.1	-	-	-	-
New Mexico	6	10	16	4.5	6	7	13	3.6	54	38	92	25.8	66	55	121	33.9	1	3	4	1.1	1	2	3	.8
Oklahoma	15	11	26	6.3	-	-	-	-	68	91	159	38.4	83	102	185	44.7	-	1	1	.2	2	1	3	.7
Southern Colorado	-	1	1	2.4	-	-	-	-	10	9	19	46.3	10	10	20	48.7	1	1	2	4.8	-	-	-	-
Southern Utah	1	-	1	7.1	-	-	-	-	5	4	9	64.2	6	4	10	71.4	-	-	-	-	-	-	-	-
Grand Total	34	45	79	6.5	12	11	23	1.9	186	183	369	30.3	232	239	471	38.7	5	7	12	.9	4	3	7	.6

*Tables 1-7 include 40 students who graduated in 1968.

TABLE 8

TOTALS OF DROPOUTS BY GRADE LEVELS AND BY STATES

STATE	8TH GRADE ENROLLMENT FALL 1962			TOTAL DROPOUTS INCLUDING TRANSFERS			8TH GRADE DROPOUTS				9TH GRADE DROPOUTS				10TH GRADE DROPOUTS			
Sex:	M	F	Total	M	F	Total	M	F	Total	%	M	F	Total	%	M	F	Total	%
Arizona	182	163	345	60	60	120	21	22	43	12.4	5	8	13	4.3	15	8	23	7.9
Nevada	20	26	46	7	8	15	2	2	4	8.7	1	-	1	2.4	2	3	5	12.2
New Mexico	185	172	357	66	55	121	17	16	33	9.2	17	13	30	9.2	19	15	34	11.6
Oklahoma	183	231	414	83	102	185	22	27	49	11.8	19	24	43	11.8	18	25	43	13.4
Southern Colorado	22	19	41	10	10	20	4	3	7	17.1	2	2	4	11.8	-	1	1	3.3
Southern Utah	8	6	14	6	4	10	3	3	6	42.8	2	-	2	25.0	1	-	1	16.7
Grand Total	600	617	1217	232	239	471	69	73	142	11.7	46	47	93	8.6	55	52	107	10.9

STATE	11TH GRADE DROPOUTS				12TH GRADE DROPOUTS				STILL ENROLLED			DECEASED		
Sex:	M	F	Total	%	M	F	Total	%	M	F	Total	M	F	Total
Arizona	14	14	28	10.5	5	8	13	5.5	-	-	-	1	-	1
Nevada	1	1	2	5.5	1	2	3	8.8	-	-	-	-	-	-
New Mexico	11	8	19	7.3	2	3	5	2.1	1	4	5	1	1	2
Oklahoma	23	21	44	15.8	1	5	6	2.6	1	1	2	1	1	2
Southern Colorado	4	4	8	27.6	-	-	-	-	1	1	2	-	-	-
Southern Utah	-	1	1	20.0	-	-	-	-	-	-	-	-	-	-
Grand Total	53	49	102	11.6	9	18	27	3.5	3	6	9	3	2	5

TABLE 9

DROPOUTS BY SCHOOL TYPES FOR REGION

TYPES OF SCHOOLS	INITIAL 8TH GRADE ENROLLMENT FALL 1962			DROPPED OUT OF BIA SCHOOLS				DROPPED OUT OF PRIVATE SCHOOLS				DROPPED OUT OF PUBLIC SCHOOLS				TOTAL DROPOUTS FOR REGION			
Sex:	M	F	Total	M	F	Total	%	M	F	Total	%	M	F	Total	%	M	F	Total	%
BIA	104	100	204	24	33	57	27.9	-	-	-	-	12	11	23	11.3	36	44	80	39.2
Private	40	49	89	1	-	1	1.1	11	11	22	24.7	9	6	15	16.8	21	17	38	42.7
Public	456	468	924	9	12	21	2.3	1	-	1	.1	165	166	331	35.8	175	178	353	38.2
Total	600	617	1217	34	45	79		12	11	23		186	183	369		232	239	471	38.7

TABLE 10

GRADUATES AND DROPOUTS BY GRADE LEVELS AMONG TRIBES

TRIBES	8TH GRADE ENROLLMENT FALL 1962			8TH GRADE DROPOUTS				9TH GRADE DROPOUTS				10TH GRADE DROPOUTS				11TH GRADE DROPOUTS				12TH GRADE DROPOUTS				TOTAL DROPOUTS	TOTAL DROPOUT PERCENTAGE	GRADUATES				STILL ENROLLED			DECEASED		
Sex:	M	F	Total	M	F	Total	%	M	F	Total	%	M	F	Total	%	M	F	Total	%	M	F	Total	%			M	F	Total	%	M	F	Total	M	F	Total
Apache	30	33	63	5	4	9	14.3	3	2	5	9.3	4	6	10	20.4	6	5	11	28.2	-	2	2	7.1	37	58.7	12	14	26	41.3	-	-	-	-	-	-
Cherokee	62	80	142	6	9	15	10.6	10	10	20	15.7	7	9	16	14.9	7	5	12	13.1	-	1	1	1.3	64	45.0	30	44	74	52.1	-	1	1	2	1	3
Choctaw	32	37	69	3	7	10	14.5	1	4	5	8.5	3	1	4	7.4	5	4	9	18.0	-	-	-	-	28	40.5	20	21	41	59.4	-	-	-	-	-	-
Hopi	27	20	47	1	1	2	4.2	-	1	1	2.2	-	2	2	4.5	-	1	1	2.4	-	1	1	2.4	7	14.9	25	14	39	82.9	1	-	1	-	-	-
Kiowa	20	26	46	1	2	3	6.5	3	2	5	11.6	2	3	5	13.1	3	3	6	18.2	1	1	2	7.4	21	45.6	10	15	25	54.3	-	-	-	-	-	-
Navajo	215	198	413	25	17	42	10.2	8	8	16	4.3	17	12	29	8.2	11	12	23	7.1	3	5	8	2.6	118	28.6	149	141	290	70.2	1	2	3	1	1	2
Paiute	16	11	27	2	1	3	11.1	1	-	1	4.2	1	1	2	8.7	1	1	2	9.5	-	2	2	10.5	10	37.0	10	5	15	55.5	-	1	1	1	-	1
Papago	16	14	30	3	1	4	13.3	1	3	4	15.4	-	-	-	-	-	-	-	-	2	-	2	10.0	10	33.3	10	10	20	66.6	-	-	-	-	-	-
Pima	22	23	45	2	5	7	15.5	1	1	2	5.3	3	1	4	11.1	5	2	7	21.8	2	-	2	8.0	22	48.8	8	14	22	48.8	1	-	1	-	-	-
Pueblo	72	69	141	5	12	17	12.0	11	6	17	13.7	9	5	14	13.1	3	2	5	5.4	-	1	1	1.1	54	38.3	44	40	84	59.5	-	2	2	-	1	1
Other Oklahoma Tribes	51	81	132	9	9	18	13.6	4	7	11	9.6	3	11	14	13.6	8	8	16	18.0	-	3	3	4.1	62	46.9	26	43	71	53.7	1	-	1	-	-	-
Other Tribes	37	25	62	7	5	12	19.3	3	3	6	12.0	5	1	6	13.6	4	5	9	23.7	3	2	5	19.2	38	61.2	14	8	20	32.3	1	1	2	-	-	-
Total	600	617	1217	69	73	142	11.7	46	47	93	8.6	54	52	106	10.8	53	48	101	11.5	11	18	29	3.7	471	38.7	358	369	727	59.7	5	7	12	4	3	7

TABLE 11

TRANSFERS OF HIGH SCHOOL STUDENTS BY GRADE LEVELS BETWEEN TYPES OF SCHOOLS

(8th Grade Enrollment, Fall 1962 -- Male-600, Female-617, Total-1217)

	9TH GRADE TRANSFERS	PERCENTAGE OF TOTAL ENROLLMENT	10TH GRADE TRANSFERS	PERCENTAGE OF TOTAL ENROLLMENT	11TH GRADE TRANSFERS	PERCENTAGE OF TOTAL ENROLLMENT	12TH GRADE TRANSFERS	PERCENTAGE OF TOTAL ENROLLMENT	TOTAL TRANSFERS	PERCENTAGE OF TOTAL ENROLLMENT
Graduates										
Male	18	1.5	13	1.1	10	.8	6	.5	47	3.9
Female	18	1.5	17	1.4	7	.6	3	.2	45	3.7
Total	36	3.0	30	2.5	17	1.4	9	.7	92	7.6
Dropouts										
Male	22	1.8	12	.9	9	.7	1	.08	44	3.6
Female	21	1.7	13	1.1	8	.7	2	.1	44	3.6
Total	43	3.5	25	2.0	17	1.4	3	.2	88	7.2
Grand Total	79	6.5	55	4.5	34	2.7	12	.9	180	14.8

TABLE 12

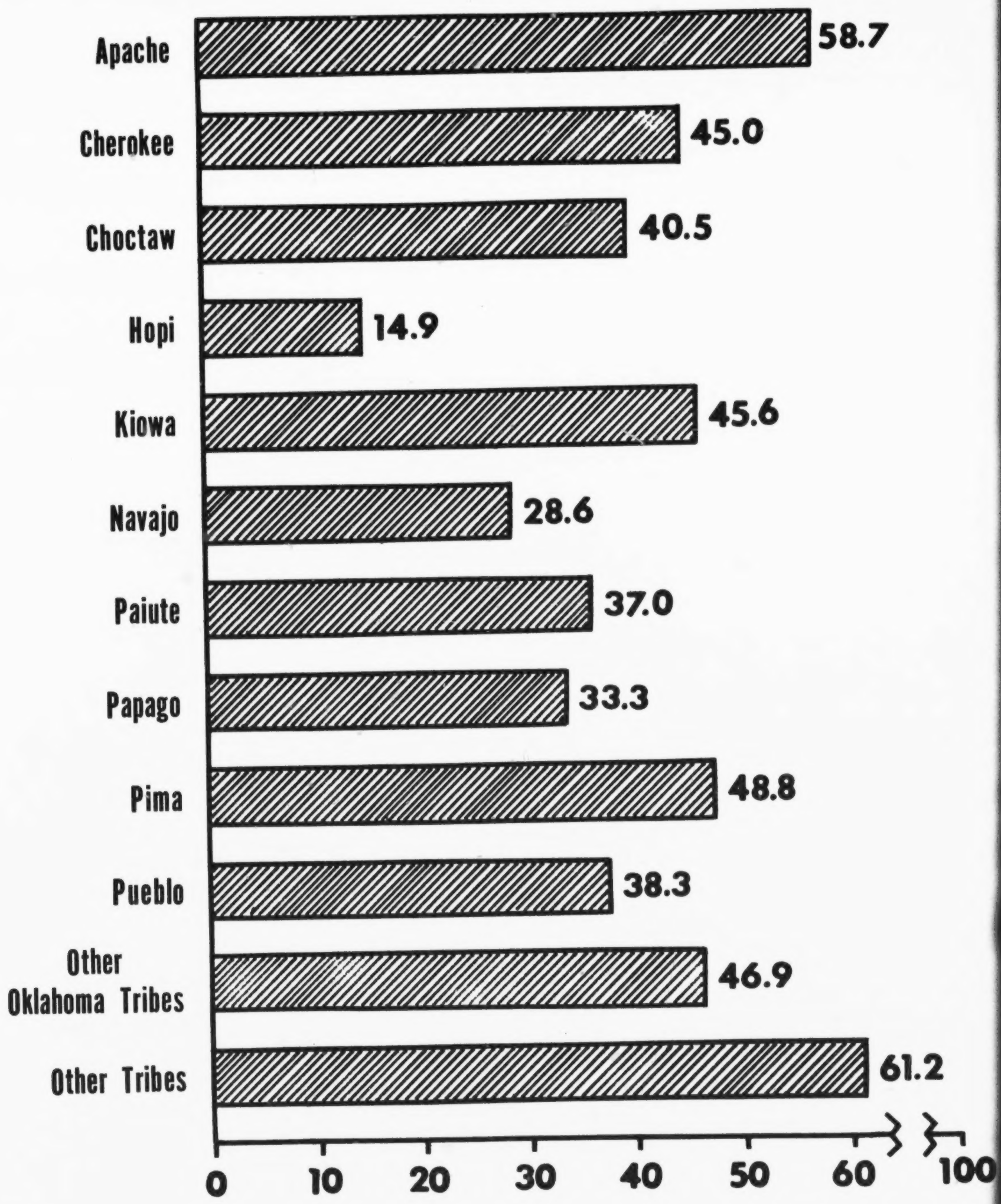
NUMBER OF TRANSFERS OF INDIAN STUDENTS BETWEEN TYPES OF SCHOOLS

(8th Grade Enrollment, Fall 1962 -- Male-600, Female-617, Total-1217)

	ONE TRANSFER	PERCENTAGE OF TOTAL ENROLLMENT	TWO TRANSFERS	PERCENTAGE OF TOTAL ENROLLMENT	THREE TRANSFERS	PERCENTAGE OF TOTAL ENROLLMENT	TOTAL TRANSFERS	PERCENTAGE OF TOTAL ENROLLMENT
Graduates								
Male	42	3.4	5	.4	-	-	47	3.9
Female	41	3.4	4	.3	-	-	45	3.7
Total	83	6.8	9	.7	-	-	92	7.6
Dropouts								
Male	36	2.9	7	.6	1	.08	44	3.6
Female	38	3.1	5	.4	1	.08	44	3.6
Total	74	6.0	12	.9	2	.16	88	7.2
Grand Total	157	12.9	21	1.7	2	.16	180	14.8

Figure 1

Percentages of Dropouts by Tribes



PART III

CONCLUSION

This report of Indian high school dropouts in Arizona, Nevada, New Mexico, Oklahoma, Southern Colorado, and Southern Utah follows a similar study by the Northwest Regional Educational Laboratory in the states of Idaho, Montana, North Dakota, Oregon, South Dakota, and Washington. Thus, the research of the two laboratories covers a twelve-state area where a large segment of the American Indians reside. Both studies are unique in that student progress was traced by individual name to graduation or to the level of dropout.

Of the total sample of 1217 students in this study, the dropout levels for only nine students could not be identified precisely, although it was established that they did not graduate. The results of the study evidence the practicability of securing vital information by the procedures employed and by involving schools throughout a wide geographic area.

The data presented in this report evidence the need for further study of the dropout problem among Indian students. In the light of the high rate of dropouts on the eighth grade level, the desirability of including lower grade levels in a continuing investigation is apparent. With the establishment of uniform procedures among State Departments of Education, the Bureau of Indian Affairs, and the schools with Indian enrollments, a coordinating agency could collect and share information throughout a wide region, thereby revealing improvement or continuation

of unfavorable situations. Pilot investigations to determine the causes of dropouts might well be considered.

Results shown in the report reflect the necessity for involvement of Indian tribal leaders and parents, whose efforts to motivate students to acquire adequate training could be invaluable. Finally, it is self-evident that the extension and intensification of guidance and counseling are crucial in assisting Indian students in avoiding pitfalls and disillusionment and in providing them the opportunities to develop creative and rewarding lives.

APPENDIX A

DIRECTORY OF SCHOOLS

ARIZONA

School Districts and Schools	Location	Type
Fort Apache Agency Schools	Whiteriver	Federal
Cibecue Day School	Cibecue	Federal
Theodore Roosevelt School	Fort Apache	Federal
Hopi Agency Schools	Keams Canyon	Federal
Leupp Boarding School	Leupp	Federal
Phoenix Indian School	Phoenix	Federal
Pima Agency Schools	Sacaton	Federal
Tuba City Boarding School	Tuba City	Federal
East Fork Mission School	Whiteriver	Private
Ganado Mission High School	Ganado	Private
Good Shepherd School for Girls	Phoenix	Private
Hopi Mission School	Oraibi	Private
Sacred Heart, Covered Wells Mission School	Sells	Private
St. John's Indian Elementary School	Laveen	Private
St. John's Indian High School	Laveen	Private
St. Michael's Elementary School	St. Michaels	Private
St. Michael's High School	St. Michaels	Private
San Jose Indian Mission School	Sells	Private
Southwest Indian School	Glendale	Private
Ajo Elementary District No. 15	Ajo	Public
Ajo High School District No. 103	Ajo	Public
Alchesay High School District No. 30	Whiteriver	Public
Apache County High School District No. 90	Springerville	Public
Round Valley High School	Springerville	Public
Valley High School	Sanders	Public

ARIZONA (Continued)

School Districts and Schools	Location	Type
Buckeye High School District No. 201	Buckeye	Public
Camp Verde Elementary District No. 28	Camp Verde	Public
Camp Verde High School District No. 30	Camp Verde	Public
Casa Grande Junior High School, District No. 4	Casa Grande	Public
Casa Grande High School District No. 82	Casa Grande	Public
Chandler Junior High School, District No. 80	Chandler	Public
Chinle Elementary District No. 24	Chinle	Public
Chinle Junior High School	Chinle	Public
Chinle Elementary Teaching High School	Chinle	Public
Coolidge Elementary District No. 21	Coolidge	Public
Coolidge High School District No. 84	Coolidge	Public
Eighth Grade School, Morenci District No. 18	Morenci	Public
Eleven Mile Corner School No. 00	Casa Grande	Public
Eloy Junior High School, Eloy District No. 11	Eloy	Public
Flagstaff Elementary District No. 1	Flagstaff	Public
Flagstaff Junior High School	Flagstaff	Public
East Flagstaff Junior High School	Flagstaff	Public
Florence High School District No. 81	Florence	Public
Fort Thomas High School District No. 10	Fort Thomas	Public
Fredonia High School District No. 30	Fredonia	Public
Ganado Elementary District No. 19	Ganado	Public
Gila Bend Elementary District No. 24	Gila Bend	Public
Gila Bend High School District No. 203	Gila Bend	Public
Globe Junior High School, District No. 1	Globe	Public
Globe High School District No. 9	Globe	Public
Grand Canyon High School District No. 40	Grand Canyon	Public
Holbrook Junior High School, District No. 3	Holbrook	Public
Holbrook High School District No. 40	Holbrook	Public
Indian Oasis School District No. 40	Sells	Public
Kayenta Elementary District No. 27	Kayenta	Public

School Districts and Schools	Location	Type
Kyrene School District No. 28	Tempe	Public
Marana Elementary District No. 6	Marana	Public
Marana High School District No. 106	Marana	Public
Mesa Junior High School, Mesa District No. 4	Mesa	Public
Mesa High School District No. 207	Mesa	Public
Mesa High School	Mesa	Public
Westwood High School	Mesa	Public
Monument Valley High School District No. 50	Kayenta	Public
Page Elementary District No. 8	Page	Public
Page High School District No. 70	Page	Public
Peach Springs Elementary District No. 8	Peach Springs	Public
Phoenix High School District No. 210	Phoenix	Public
Picacho Elementary District No. 33	Picacho	Public
Puerco Elementary District No. 18	Sanders	Public
Safford High School District No. 30	Safford	Public
Seligman Elementary District No. 40	Seligman	Public
Seligman High School District No. 80	Seligman	Public
Showlow Elementary District No. 10	Showlow	Public
Snowflake Junior High School, District No. 5	Snowflake	Public
Snowflake High School District No. 60	Snowflake	Public
Solomonville Elementary District No. 5	Solomon	Public
Somerton Elementary District No. 11	Somerton	Public
Tempe Union High School District No. 213	Tempe	Public
Tempe High School	Tempe	Public
McClintock High School	Tempe	Public
Thatcher High School District No. 40	Thatcher	Public
Tolleson High School District No. 214	Tolleson	Public
Tuba City Elementary District No. 15	Tuba City	Public
Tuba City High School District No. 50	Tuba City	Public

ARIZONA (Continued)

School Districts and Schools	Location	Type
Tucson High School District No. 101	Tucson	Public
Pueblo High School	Tucson	Public
Tucson High School	Tucson	Public
Whiteriver Elementary District No. 20	Whiteriver	Public
Window Rock Elementary District No. 8	Fort Defiance	Public
Fort Defiance School	Fort Defiance	Public
Window Rock Elementary Teaching High School	Fort Defiance	Public
Winslow Junior High School, District No. 1	Winslow	Public
Winslow High School District No. 70	Winslow	Public
Yuma County Elementary District No. 27	Parker	Public
La Pera School	Parker	Public
Wallace School	Parker	Public
Yuma High School District No. 25	Yuma	Public
Kofa High School	Yuma	Public
Yuma High School	Yuma	Public

NEVADA

School Districts and Schools	Location	Type
*Churchill County Schools	Fallon	Public
Clark County Schools	Las Vegas	Public
Moapa Valley High School	Overton	Public
*Douglas County Schools	Gardnerville	Public
Elko County Schools	Elko	Public
Carlin Schools	Carlin	Public
Elko High School	Elko	Public
Owyhee Schools	Owyhee	Public
Wells Schools	Wells	Public
Humboldt County Schools	Winnemucca	Public
McDermitt Combined School	McDermitt	Public
*Lyon County Schools	Yerington	Public
Mineral County Schools	Hawthorne	Public
Schurz School	Schurz	Public
Nye County Schools	Tonopah	Public
Duckwater School	Duckwater	Public
Pahrump Elementary School	Pahrump	Public
Ormsby County Schools	Carson City	Public
Carson City High School	Carson City	Public
*Pershing County Schools	Lovelock	Public
*Washoe County Schools	Reno	Public
*White Pine County Schools	East Ely	Public

* Nevada school districts which sent combined lists of eighth grade and high school students.

NEW MEXICO

School Districts and Schools	Location	Type
Albuquerque Indian School	Albuquerque	Federal
Taos Indian Day School	Taos	Federal
Wingate High School	Fort Wingate	Federal
Brethren in Christ School	Bloomfield	Private
Cathedral Elementary School	Gallup	Private
Cathedral High School	Gallup	Private
Navajo Methodist Mission School	Farmington	Private
Rehoboth Mission School	Rehoboth	Private
St. Anthony Indian School	Zuni	Private
St. Catherine's Indian High School	Santa Fe	Private
St. Francis Elementary School	Gallup	Private
St. Joseph School	Taos	Private
St. Pius X High School	Albuquerque	Private
San Juan Parochial School	San Juan Pueblo	Private
*Albuquerque Schools	Albuquerque	Public
Aztec Schools	Aztec	Public
C. V. Koogler Junior High School	Aztec	Public
Aztec High School	Aztec	Public
Bernalillo Schools	Bernalillo	Public
Bernalillo Junior High School	Bernalillo	Public
Bernalillo High School	Bernalillo	Public
Santo Domingo School	Santo Domingo	Public

* New Mexico school districts which sent combined lists of eighth grade and high school students.

School Districts and Schools	Location	Type
Bloomfield Schools	Bloomfield	Public
Bloomfield Junior High School	Bloomfield	Public
Bloomfield High School	Bloomfield	Public
Central Consolidated Schools	Kirtland	Public
Central Junior High School	Kirtland	Public
Central High School	Kirtland	Public
Naschitti School	Naschitti	Public
Shiprock Junior High School	Shiprock	Public
Shiprock High School	Shiprock	Public
*Cuba Schools	Cuba	Public
*Dulce Schools	Dulce	Public
Espanola Schools	Espanola	Public
Espanola Junior High School	Espanola	Public
Espanola High School	Espanola	Public
Santa Cruz High School	Santa Cruz	Public
Farmington Schools	Farmington	Public
Farmington Junior High School	Farmington	Public
Farmington High School	Farmington	Public
Gallup-McKinley County Schools	Gallup	Public
Crownpoint Junior High School	Crownpoint	Public
Gallup Junior High School	Gallup	Public
Gallup High School	Gallup	Public
Ramah High School	Ramah	Public
Thoreau School	Thoreau	Public
Tohatchi School	Tohatchi	Public
Zuni School	Zuni	Public

* New Mexico school districts which sent combined lists of eighth grade and high school students.

NEW MEXICO (Continued)

School Districts	Location	Type
*Grants Schools	Grants	Public
*Jemez Valley Schools	Jemez Pueblo	Public
*Los Lunas Schools	Los Lunas	Public
*Magdalena Schools	Magdalena	Public
*Penasco Schools	Penasco	Public
Pojoaque Schools	Pojoaque	Public
*Ruidoso Schools	Ruidoso	Public
*Santa Fe Schools	Santa Fe	Public
*Taos Schools	Taos	Public
*Tularosa Schools	Tularosa	Public

* New Mexico school districts which sent combined lists of eighth grade and high school students.

OKLAHOMA

School Districts and Schools	Location	Type
Cheyenne-Arapahoe School	Concho	Federal
Chilocco Indian School	Chilocco	Federal
Fort Sill Indian School	Lawton	Federal
Riverside Indian School	Anadarko	Federal
Sequoyah High School	Tahlequah	Federal
Adair County		
Stilwell Schools	Stilwell	Public
Blaine County		
Canton Schools	Canton	Public
Caddo County		
Anadarko Schools	Anadarko	Public
Apache Schools	Apache	Public
Carnegie Schools	Carnegie	Public
Carter County		
Dickson Schools	Ardmore	Public
Plainview Schools	Ardmore	Public
Cherokee County		
Tahlequah Schools	Tahlequah	Public
Choctaw County		
Boswell Schools	Boswell	Public
Custer County		
Hammon Schools	Hammon	Public
Delaware County		
Jay Schools	Jay	Public
McCurtain County		
Broken Bow Schools	Broken Bow	Public
Smithville Schools	Smithville	Public

OKLAHOMA (Continued)

School Districts and Schools	Location	Type
McIntosh County		
Eufaula Schools	Eufaula	Public
Okfuskee County		
Graham Schools	Weleetka	Public
Osage County		
Hominy Schools	Hominy	Public
Pawhuska Schools	Pawhuska	Public
Pawnee County		
Pawnee Schools	Pawnee	Public
Pontotoc County		
Byng Schools	Ada	Public
Seminole County		
Bowlegs Schools	Bowlegs	Public
Wewoka Schools	Wewoka	Public
Sequoyah County		
Vian Schools	Vian	Public

OTHER STATES

CALIFORNIA

School	Location	Type
Sherman Institute	Riverside	Federal

SOUTHERN COLORADO

School	Location	Type
Ignacio High School	Ignacio	Public
Montezuma County Schools	Cortez	Public

SOUTHERN UTAH

School District and School	Location	Type
San Juan County Schools	Monticello	Public
San Juan High School	Blanding	Public

APPENDIX B

Directory of Tribes

Apache
Cherokee
Choctaw
Hopi
Kiowa
Navajo
Paiute
Papago
Pima
Pueblo:
- Acoma
- Cochiti
- Isleta
- Jemez
- Laguna
- Picuris
- Sandia
- San Ildefonso
- Santa Ana
- Santa Clara
- Santo Domingo
- San Felipe
- San Juan
- Taos
- Zia
- Zuni

Other Oklahoma Tribes:
- Caddo
- Cheyenne
- Chickasaw
- Comanche
- Comanche Arapaho
- Creek
- Delaware
- Osage
- Pawnee
- Seminole
- Wichita

Other Tribes:
- Mohave
- Shoshone
- Sioux
- Ute